

WHAT IS CLAIMED IS

1. A skin condition observation apparatus having a sebum amount measuring device adapted for bringing a sebum sampling surface into contact with skins and optically measuring the amount of deposited sebum, wherein

the sebum amount measuring device comprises an orthogonal prism having two reflection surfaces orthogonal with each other in which one reflection surface is exposed as the sebum sampling surface, and

a light emitting element for illuminating a light to one of the reflection surfaces and a photoreceiving element for detecting the intensity of a reflection light reflected on the two reflection surfaces and returned therefrom are located being opposed to the hypotenuse surface at the back of the orthogonal prism, with their optical axes being in parallel with each other.

2. A skin condition observation apparatus according to claim 1, wherein the light emitting device and the photoreceiving device are mounted on one identical substrate.

3. A skin condition observation apparatus according to claim 1 or 2, wherein the illumination light of the light emitting device is an infrared light.

4. A skin condition observation apparatus having a skin contact surface and comprising an imaging device for photographing enlarged images of skins and a sebum amount measuring device adapted for bringing the sebum sampling surface into contact with skins and optically measuring the amount of deposited sebum, wherein

the imaging device comprises an illumination device for illuminating an illumination light to skins through an observation aperture formed in the skin contact surface of the measuring head and an imaging element for photographing the images of skins taken from the observation apertures,

the sebum amount measuring device comprises an orthogonal prism having two reflection surfaces orthogonal with each other in which one reflection surface is exposed as a sebum sampling surface to the skin contact surface, and

a light emitting element for illuminating a light to one of the reflection surfaces and a photoreceiving element for detecting the intensity of a reflection light reflected on the two reflection surfaces and returned therefrom are located in the measuring head being opposed to the hypotenuse surface at the back of the orthogonal prism, with the optical axes thereof being in parallel with each other, and wherein

the apparatus further comprises a digital display for display of images photographed by the imaging device and the

result of the measurement of the sebum amount measuring device.

5. A skin condition observation apparatus according to claim 4, wherein the moisture sensor for measuring the moisture content of skins is disposed to the measuring head on the side of the skin contact surface.